

FOLEY & LARDNER

ATTORNEYS AT LAW

11250 EL CAMINO REAL, SUITE 200
 SAN DIEGO, CA 92130
 P.O. BOX 80278
 SAN DIEGO, CALIFORNIA 92138-0278
 TELEPHONE: 858.847.6700
 FACSIMILE: 858.792.6773
 WWW.FOLEYLARDNER.COM

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From : Barry S. Wilson
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Sender's Direct Dial : 858.847.6722
Date : February 28, 2002
Client/Matter No : 068904-0302
User ID No : 3067

MESSAGE:

Re: U.S. Patent Application Serial No.: 09/005,318
Filed: January 9, 1998
Title: NOVEL EPITHELIAL TISSUE TARGETING AGENT
Inventor(s): Hein et al.
Docket No.: EPI3004B

PLEASE SEE THE ATTACHED AMENDMENT FILING IN CONNECTION WITH THE ABOVE-REFERENCED PATENT APPLICATION.

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~~FAX RECEIVED~~~~FEB 29 2002~~Atty. Dkt. No. EP13004B
(formerly 310098.401C1)~~IN THE UNITED STATES PATENT AND TRADEMARK OFFICE~~

Applicant: Mitch B. Hein et al.

Title: NOVEL EPITHELIAL TISSUE
TARGETING AGENT

Appl. No.: 09/005,318

Filing Date: 01/09/1998

Examiner: D. Romeo

Art Unit: 1646

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Pridge McDougall
(Printed Name)
Pridge McDougall
(Signature)
February 28, 2002
(Date of Deposit)

AMENDMENT TRANSMITTALCommissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

- [X] Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a Small Entity statement previously submitted.
- [] Small Entity statement is enclosed.
- [X] The fee required for additional claims is calculated below:

	Claims as Amended	Previously Paid For	Extra Claims Present	Rate	Additional Claims Fee
Total Claims:	31	- 41	= 0	x \$18.00 =	\$0.00
Independents:	1	- 9	= 0	x \$84.00 =	\$0.00
First presentation of any Multiple Dependent Claims:			+ \$280.00 =		\$0.00
			CLAIMS FEE TOTAL:	=	\$0.00

- [X] Applicant hereby petitions for an extension of time under 37 C.F.R. § 1.136(a) for the total number of months checked below:

Atty. Dkt. No. EPI3004B
(formerly 310098.401C1)

<input type="checkbox"/>	Extension for response filed within the first month:	\$110.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the second month:	\$400.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the third month:	\$920.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the fourth month:	\$1,440.00	\$0.00
<input checked="" type="checkbox"/>	Extension for response filed within the fifth month:	\$1,960.00	\$1,960.00
	EXTENSION FEE TOTAL:		\$1,960.00
	CLAIMS AND EXTENSION FEE TOTAL:		\$1,960.00
<input checked="" type="checkbox"/>	Small Entity Fees Apply (subtract ½ of above):		\$980.00
	TOTAL FEE:		\$980.00

- Please charge Deposit Account No. 50-0872 in the amount of \$980.00. A duplicate copy of this transmittal is enclosed.
- A check in the amount of \$980.00 is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: February 28, 2002

By Barry S. Wilson

FOLEY & LARDNER
P.O. Box 80278
San Diego, California 92138-0278
Telephone: (858) 847-6722
Facsimile: (858) 792-6773

Barry S. Wilson
Attorney for Applicant
Registration No. 39,431

Don
3-13-02

Atty. Dkt. No. EPI3004B
(formerly 310098.401C1)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hein et al.

Title: NOVEL EPITHELIAL TISSUE TARGETING MOLECULE

Appl. No.: 09/005,318

Filing Date: 01/09/1998

Examiner: D. Romeo

Art Unit: 1647

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<i>Pridge McDougall</i> (Printed Name)	
<i>Pridge McDougall</i> (Signature)	
February 28, 2002 (Date of Deposit)	

AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

This amendment is responsive to the Office Action mailed August, 29, 2001.
Accompanying the Amendment is a request for an extension of time of five months to reply to the Office Action. Accordingly, this Amendment is timely filed.

Please amend the application as follows:

In the Claims:

Please cancel claims 1-28, 30, 31, and 36-41 without prejudice or disclaimer.

Please add new claims 42 to 72 as follows:

DT Sub

42. (New) A composition for delivery of a biological agent to a basolateral factor of an epithelial surface, said composition comprising a targeting molecule linked to at least one biological agent, wherein said targeting molecule comprises a J chain or portion thereof that specifically binds to a basolateral factor, wherein said targeting molecule does not comprise a full-length immunoglobulin, and wherein said biological agent is not native to the targeting molecule and is not iodine.

43. (New) The composition of claim 42 wherein said targeting molecule is covalently linked to said at least one biological agent.